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Professional Experience

- Mathematical modeling and numerical analysis of chemical reactors
- Heterogeneous catalysis and kinetics, heat- and mass-transfer in porous media
- High-temperature catalytic combustion for power generation
- Fuel processing of hydrocarbon fuels for hydrogen production
- PEFC start-up at low and subfreezing temperatures

Patents and Publications

- Author of 10 scientific publications in peer-reviewed journals in the field of chemical engineering

Education

- PhD, Chemical Engineering, Royal Institute of Technology, Stockholm Sweden
- MSc, Chemical Engineering, Royal Institute of Technology, Stockholm, Sweden